WE CLAIM:

1   1.   A method for creating one or more web pages from processed measurement

2   data, comprising:

3   providing at least one routine capable of accessing said processed measurement

4   data and generating said one or more web pages; and

5   running said at least one routine to generate said one or more web pages, said

6   one or more web pages including at least information representing said processed

7   measurement data.

1   2.   The method of Claim 1, further comprising:

2   collecting raw measurement data obtained from a measuring device.

1   3.   The method of Claim 2, wherein said steps of providing and running further

2   comprise:

3   creating a measurement program to process said raw measurement data to

4   produce said processed measurement data and generate said one or more web pages;

5   storing said measurement program on a web server;

6   entering a web address for said measurement program from a web browser to

7   access said measurement program; and

8   running said measurement program to produce said processed measurement

9   data and generate said one or more web pages to said web browser.

1   4.   The method of Claim 1, further comprising:

2   providing at least one variable file associated with a variable of said processed

3   measurement data; and

4   generating said one or more web pages to include said at least one variable file.

1   5.   The method of Claim 4, wherein said at least one variable includes at least

2   measurement information relating to said processed measurement data and user-defined

3   comments relating to an output of said processed measurement data.

1   6.   The method of Claim 5, further comprising:

2   entering said at least one variable into at least one field on a web form;

3   entering file names associated with at least said processed measurement data,

4 said output and said one or more web pages into said at least one field on said web form; and

5   automatically creating said one or more web pages using the information

6 entered into said at least one field on said web form.

1   7. The method of Claim 4, further comprising:

2   saving said processed measurement data to at least one web-compatible data

3 file and at least one output of said processed measurement data to at least one web-compatible

4 output file; and

5   including links to said at least one web-compatible data file and said at least

6 one web-compatible output file in said one or more web pages.

1   8. The method of Claim 7, further comprising:

2   creating said at least one variable; and

3   providing at least one user-created first routine for saving said at least one

4 variable to at least one web-compatible variable file.

1   9. The method of Claim 8, further comprising:

2   providing at least one user-created second routine for saving said processed

3 measurement data to said at least one web-compatible data file; and

4   providing at least one user-created third routine for saving said output to said

5   at least one web-compatible output file.

1   10.   The method of Claim 9, further comprising:

2   saving a file name of a user-created script for calling said first, second and third

3   user-created routines as a link within said one or more web pages.

1   11.   The method of Claim 1, wherein said step of running further comprises:

2   including one or more graphics files capable of being displayed in-line and one

3   or more graphics files suitable for document creation in said one or more web pages.

1   12.   The method of Claim 1, further comprising:

2   storing said one or more web pages on a web server for later retrieval and

3   viewing.

1   13.   The method of Claim 12, further comprising:

2   accessing and viewing said one or more web pages using a web browser.

1   14.   The method of Claim 1, further comprising:

2   providing at least one index creation routine capable of accessing said one or

3   more web pages and generating at least one index web page including at least a listing of said

4   one or more web pages.

1   15.   The method of Claim 14, wherein said step of providing said at least one index

2   creation routine further comprises:

3   including a link to said one or more web pages within said at least one index

4   web page.

1   16.   The method of Claim 14, wherein said step of providing said at least one index

2   creation routine further comprises:

3   including description information associated with said one or more web pages

4   within said at least one index web page.

1   17.   A system for creating one or more web pages from processed measurement

2   data, comprising:

3   a processing engine capable of running at least one routine to access said

4   processed measurement data and generate said one or more web pages, said one or more web

5   pages including at least information representing said processed measurement data..

1   18.   The system of Claim 17, further comprising:

2   physical measurement logic capable of obtaining one or more measurements;

3   and

4   data collection logic capable of collecting raw measurement data from said one

5   or more measurements, said processing engine being further capable of processing said raw

6   measurement data to produce said processed measurement data.

1   19.   The system of Claim 18, wherein said at least one routine is a measurement

2   program configured to process said raw measurement data to produce said processed

3   measurement data and generate said one or more web pages, said processing engine being

4   further capable of storing said measurement program on a web server.

1   20.   The system of Claim 19, wherein said measurement program is further capable

2   of being accessed by entering a web address for said measurement program from a web

3   browser, said measurement program being further capable of generating said one or more web

4   pages only to said web browser.

1   21.   The system of Claim 17, wherein said processing engine is further capable of

2   including at least one variable file associated with a variable of said processed measurement

3   data within said one or more web pages.

1   22.   The system of Claim 21, wherein said at least one variable includes at least

2   measurement information relating to said processed measurement data and user-defined

3   comments relating to an output of said processed measurement data.

1   23.   The system of Claim 22, wherein said processing engine is further capable of

2   receiving said at least one variable entered into at least one field on a web form, receiving file

3   names associated with at least said processed measurement data, said output and said one or

4   more web pages entered into said at least one field on said web form and automatically

5   creating said one or more web pages using the information entered into said at least one field

6   on said web form.

1   24.   The system of Claim 22, wherein said processing engine is further capable of

2   saving said processed measurement data to at least one web-compatible data file and at least

3   one output of said processed measurement data to at least one web-compatible output file and

4   providing links to said at least one web-compatible data file and said at least one web-

5   compatible output file within said one or more web pages.

1   25.   The system of Claim 24, wherein said at least one variable is a user-created

2   variable specific to said processed measurement data or said output, said processing engine

3   being further capable of receiving said at least one user-created variable and using user-created

4   routines to save said at least one variable to at least one web-compatible variable file, said

5   processed measurement data to said at least one web-compatible data file and said output to

6   said at least one web-compatible output file.

1   26.   The system of Claim 25, wherein said processing engine is further capable of

2   saving a file name of a user-created script for calling said user-created routines as a link within

3   said one or more web pages.

1   27.   The system of Claim 17, further comprising:

2   a web server capable of storing said one or more web pages for later retrieval

3   and viewing.

1   28.   The system of Claim 26, further comprising:

2   a web browser capable of accessing and viewing said one or more web pages

3   via said web server.

1   29.   The system of Claim 17, wherein said processing engine is further capable of

2   including one or more graphics files capable of being displayed in-line and one or more

3   graphics files suitable for document creation in said one or more web pages.

1   30.   The system of Claim 17, wherein said processing engine is further capable of

2   using at least one index creation routine to access said one or more web pages and generate at

3   least one index web page including at least a listing of said one or more web pages.